

WHAT IS CLAIMED IS:

1. A screen apparatus comprising

a tank for receiving paper raw materials and including  
5 an entrance for the paper raw materials, a selection exit and  
a foreign matter exit,

a cylindrical screen fixed in the tank and dividing the  
tank into a primary chamber and a secondary chamber, and

a stirring member which is rotatably supported inside  
10 the screen for stirring the paper raw materials, wherein

the entrance for the paper raw materials and the foreign  
matter exit face the primary chamber, and the selection exit  
faces the secondary chamber, respectively

the screen has a member including an opening facing the  
15 primary chamber and the secondary chamber,

a water supply passage member passes through the tank,  
the water supply passage member includes a water supply passage  
which is in communication with the opening facing the secondary  
chamber and which supplies water into the primary chamber.

20 2. The screen apparatus according to claim 1, wherein

the member is a ring provided around the screen,

the ring is provided with a plurality of openings, and  
the openings facing the secondary chamber are provided with

water supply passage members, respectively.

3. A screen apparatus comprising

a tank for receiving paper raw materials including an  
5 entrance for the paper raw materials, a selection exit and a  
foreign matter exit,

a cylindrical screen fixed in the tank and dividing the  
tank into a primary chamber and a secondary chamber,

a stirring member which is rotatably supported inside  
10 the screen for stirring the paper raw materials,

the entrance for the paper raw materials and the foreign  
matter exit facing the primary chamber, and the selection exit  
facing the secondary chamber,

a ring provided around the screen and having a plurality  
15 of openings facing the primary chamber and the secondary chamber,  
and

a plurality of water supply passage members whose tip  
ends come into contact with the ring under pressure so that  
the water supply passage members are brought into communication  
20 with a plurality of openings facing the secondary chamber, the  
water supply passage members includes water supply passages  
which pass through the tank and supply water into the primary  
chamber.

4. The screen apparatus according to claim 3, wherein  
the screen has first and second end surfaces which are  
opened to each other,

the first end surface is located closer to the entrance  
for the paper raw materials than the foreign matter exit, the  
second end surface is located closer to the foreign matter exit  
than the entrance for the paper raw materials,

the ring is located closer to the second end surface than  
the first end surface, and is provided in parallel to the first  
end surface and the second end surface.

5. The screen apparatus according to claim 3, wherein  
the water supply passage member is mounted to an outer  
periphery of the tank such that the water supply passage member  
can move forward and backward.

6. The screen apparatus according to claim 3, wherein  
the plurality of openings are arranged such as to be  
directed to a center of the tank.

7. The screen apparatus according to claim 3, wherein  
the plurality of openings are arranged such as to be  
directed to a center of the tank, and the openings are opposed  
to each other.